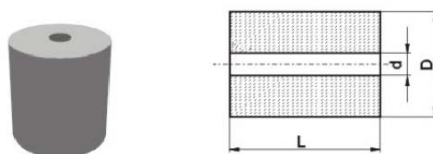


Cold Forging Dies

Properties of grades and application recommended.

Grade	Density (g/cm ³)	Hardness (HRA)	TRS (MPa)	Application recommended
YG20C	13.5	83.5	3300	Dies for wear resistant or impact resistant application.
YG22C	13.3	83.0	3500	Nut forming dies and high impact resistance forging dies.
YG25C	13.1	82.5	3600	Stainless bolt header dies and rollers.

Heading die blanks for making standard bolts.



Type	Dimension			Application range
	d	D	Range of L	
RA00710-	0.7	10	12-20	M1
RA01010-	1.0	10	12-20	M1.5-M2
RA01013-	1.0	13	15-40	M1.5-M2
RA01213-	1.2	13	15-40	M1.5-M2
RA01510-	1.5	10	12-25	M2
RA01516-	1.5	16	15-45	M2
RA01813-	1.8	13	12-45	M2.5
RA01816-	1.8	16	20-45	M2.5
RA02113-	2.1	13	15-30	M3
RA02116-	2.1	16	25-45	M3
RA02316-	2.3	16	15-45	M3
RA02522-	2.5	22	20-60	M3
RA02813-	2.8	13	15-30	M4
RA02816-	2.8	16	25-40	M4
RA02818-	2.8	16	20-50	M4
RA02820-	2.8	20	20-50	M4
RA02822-	2.8	22	20-60	M4
RA02825-	2.8	25	20-60	M4
RA3216-	3.2	16	15-45	M4
RA3218-	3.2	18	15-50	M4
RA3616-	3.6	16	20-50	M5
RA3618-	3.6	18	20-60	M5
RA3822-	3.8	22	20-40	M5
RA3830-	3.8	30	50-60	M5
RA4218-	4.2	18	20-60	M5
RA4616-	4.6	16	20-30	M6
RA4622-	4.6	22	20-60	M6
RA5422-	5.4	22	20-60	M6

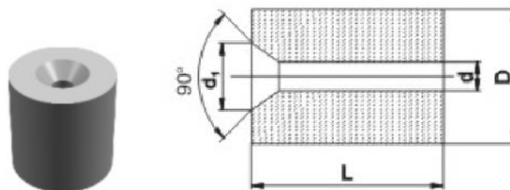
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RA6422-	6.4	22	20-60	M8
RA6425-	6.4	25	20-60	M8
RA6430-	6.4	30	20-60	M8
RA7230-	7.2	30	20-50	M10
RA8230-	8.2	30	25-60	M10
RA8235-	8.2	35	20-60	M10
RA9230-	9.2	30	20-60	M12
RA10030-	10.0	30	30-60	M12
RA10035-	10.0	35	20-60	M12
RA11235-	11.2	35	20-60	M12
RA11240-	11.2	40	30-60	M12
RA11835-	11.8	35	20-60	M14
RA11840-	11.8	40	20-30	M14
RA13235-	13.2	35	20-60	M14
RA13240-	13.2	40	25-50	M14
RA13835-	13.8	35	25-60	M16
RA13840-	13.8	40	25-35	M16
RA14445-	14.4	45	25-60	M18
RA15445-	15.4	45	30-50	M18
RA16445-	16.4	45	25-60	M20
RA17445-	17.4	45	25-60	M20
RA19445-	19.4	45	25-55	M22
RA21050-	21.0	50	25-55	M24
RA24460-	24.4	60	30-50	M27

Type BC dies blanks with sink



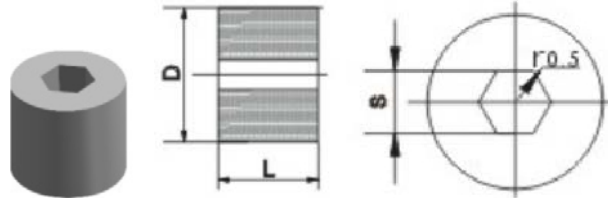
Type	Dimension				Application range
	d	D	L	d 1	
RA281330-	2.8	13	30	7	M4
RA381630-	3.8	16	30	8.5	M5
RA381640-	3.8	16	40	8.5	M5
RA382250-	3.8	22	50	8.5	M5
RA461630-	4.6	16	30	10.5	M6
RA462250-	4.6	22	50	10.5	M6
RA643030-	6.4	30	30	15	M8
RA643055-	6.4	30	55	15	M8
RA823655-	8.2	36	55	18	M10
RA1004055	10.0	40	55	22	M12
RA1184555	11.8	45	55	25	M14
RA1386060	13.8	60	60	29	M16

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Type BF internal hexagonal die blanks.

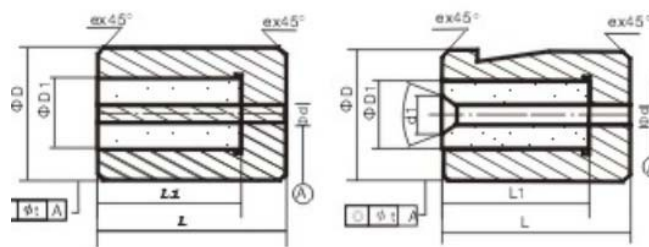


Type	Dimension			Application range
	s	D	L	
RA261210-	2.6	12	10	M1.6
RA341210-	3.4	12	10	M2
RA441612-	4.4	16	12	M2.5
RA481612-	4.8	16	12	M3
RA632016-	6.3	20	16	M4
RA722416-	7.2	24	16	M5
RA923016-	9.2	30	16	M6
RA1213210-	12.1	32	10	M8
RA1213220-	12.1	32	20	M8
RA1504024	15	40	24	M10
RA1504030	15	40	30	M10
RA1704430	17	44	30	M12
RA1995236	19.9	52	36	M14
RA2285842	22.8	58	42	M16
RA2817250	28.1	72	50	M20

Cold heading and cold punching dies

Suitable for cold heading and cold punching standard parts, screws and rivets of copper, aluminum, steel and alloy steel, they are available in the frequently used types of flat headed cold heading dies sunk cold heading dies one operation-punching and ejection dies rod reducing dies.

The sketches and sizes are as follows:

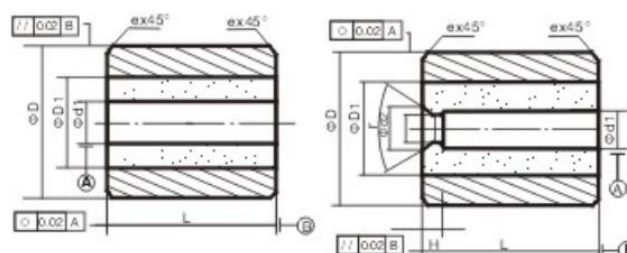


Type	d	L
Flat headed	2.0-6.0	25-60
Sunk	2.0-5.0	25-50

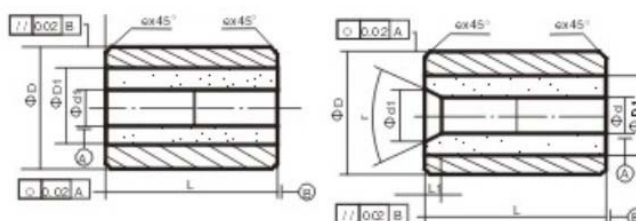
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Type	d	L
One operation punching and ejection dies	10.0-25.0	100-130
Rod reducing dies	10.0-25.0	100-130



Type	d	L
One operation punching and ejection dies	7.0-15.0	30-100
Rod reducing dies	7.0-15.0	30-100

♦All dimensions are in mm.

♦We can produce according to customer' s request. Welcome to your new inquiry.

